

EDUCATION

M.S., Information Systems , Northeastern University, Seattle, WA GPA: 3.8/4.0 Coursework: Application Engineering and Development, Data Management and Database design, Program Structures and Algorithms, Web Tools and Methods, Cloud Computing and Network Structures, Engineering of Big data systems	2017-2019 (Expected)
B.Tech., Information Technology , SRM Easwari, Chennai, India GPA: 8.2/10	2010-2014

TECHNICAL SKILLS

Programming: Java, HTML, CSS, JavaScript, React, Redux, ES6, VBScript
Databases: SQL, MongoDB, DynamoDB
Big Data Ecosystems: Hadoop, HDFS, MapReduce
Cloud Platforms: Google Cloud, AWS
Tools: IntelliJ, Android Studio, GitHub, SQL Server Management Studio, MySQL Workbench, Unified Functional Testing, Application Lifecycle Management

WORK EXPERIENCE

Front-End Engineer , OWLZ Corp, Seattle, WA <ul style="list-style-type: none">• Took the challenge of designing and developing the Front-end stack, with responsive component-based UI layouts using ReactJS, HTML, CSS3• Utilized Node, NPM as build/dependency management tools and JIRA as bug tracking/program management tool	May 2018-August 2018
Automation Test Engineer , Maveric Systems Ltd., Chennai, India <ul style="list-style-type: none">• Wrote highly maintainable and reusable Test Scripts using Unified Functional Testing tool• Designed and improved the automation framework, thereby the execution time of a complex flow Test case was reduced by 30%	2014-2016

ACADEMIC PROJECTS

PRICE COMPARISON WEB TOOL Developed an interactive web application for comparing prices of products sold online using the MongoDB, Express, React and NodeJS stack. Implemented functionalities such as Sign in, Sign up, adding/removing a product from wish list, searching a product for price comparison	2018
UNIVERSITY MANAGEMENT SYSTEM Developed a RESTful web service using JAX-RS Jersey , with APIs performing CRUD operations. Allowing students, professors and registrars to create, register and manage courses. Core technologies used were DynamoDB for persistence, SNS for email-notifications, Lambda for serverless computing and Step functions for orchestrating workflows.	2018
BIG DATA ANALYSIS ON YELP'S DATASET Performed MapReduce analysis using algorithms such as finding Top 'K' records, Sentiment Analysis, Secondary sorting, Distributed Grep, Join Analysis on Yelp's dataset using Hadoop to derive insightful information on users, businesses and reviews of Yelp	2018
PORTFOLIO - https://manjulaprabhu.github.io/ManjulaPrabhu-Profile/ Developed a responsive single-page portfolio site using React and hosted the site in GitHub pages	2018

ACTIVITIES

Organized a TEDx event for Child Psychology and Sustainable Farming at Ramapuram, Chennai.	2013
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